

**2018**

**M.Sc.**

**4th Semester Examination**

**CLINICAL NUTRITION & DIETETICS**

**PAPER—CND-402**

**Subject Code—25**

*Full Marks : 40*

*Time : 2 Hours*

*The figures in the right-hand margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

*Illustrate the answers wherever necessary.*

*Answer Question No 1 and any three from the rest.*

**1. Answer any ten questions : 10×1**

- (a) Which hormone responsible for breast milk ejection ?
- (b) Write the name of two vitamins which are not present in breast milk.

*(Turn Over)*

- (c) Write any two common anthropometric parameters generally used for the assessment of child nutritional status ?
- (d) What do you mean by 'Catch-up growth'?
- (e) What do you mean by formula feeding ?
- (f) What do you mean by Preterm baby ?
- (g) How much extra calorie in a day is required for breast feed mother ?
- (h) Define childhood obesity.
- (i) What is 'Kangaroo Care'?
- (j) What do you mean by central vein parenteral feeding ?
- (k) What do you mean by enteral feeding bypassing the tube feeding through oral route ?
- (l) Mention any one importance of Vitamin-E for aged individual.
- (m) Why is Zinc vital for aged person ?
- (n) What do you mean by F-100 food ?

- (o) Why is the rate of flow of intravenous infusion of monomeric solution performed at a slow level?
2. (a) What are the benefits of breast feeding for premature babies?
- (b) How do you modify animal milk for infant feeding?
- (c) What are the criteria of standard feeding bottle?
- (d) In which circumstances bottle feeding is to be given to the infant? 2+3+2+3
3. (a) Define complementary feeding?
- (b) Why should complementary feeding be started at six month?
- (c) State the guiding principles for complementary feeding.
- (d) What are the problems that occur during weaning? 2+2+4+2
4. (a) What are the promoters of childhood obesity?
- (b) What are the different steps adopted for the prevention of childhood obesity?

- (c) Briefly describe about the nutritional requirement for preterm baby. 3+3+4
5. (a) Write the role of proteins for the nutritional management of geriatric person.
- (b) State the role of calcium in diet for health status maintenance of aged person. 5+5
6. (a) Write the conditions when tube feeding is preferred over intravenous feeding.
- (b) Discuss in brief the disadvantages of bolus feeding in ICU patient.
- (c) Why is long term parenteral feeding not allowed for nutritional management of indoor patient? 3+4+3
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